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नई विल्ली, शनिवार, अगस्त 1, 1981 (श्रावण 10, 1903)

No. 31]

NEW DELHI, SATURDAY, AUGUST 1, 1981 (SRAVANA 10, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके। Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग Ш-खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस [Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 1st August 1981

APPI ICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act

26th June, 1981

- 690/Cal/81 Monsanto Company Permeator systems and
- 691/Cal/81 Metal Box Limited Bonding a polyethyleno to a surface of a metal substrate (June 26, 1980)
- 692/Cal/81 Sibit SpA Catalyst for the photodecomposition of water
- 693/Cal/81 D Kupka Agitator with two eets of blades each driven in an opposite direction about a common axis.
- 694/Cal/81 M B Herrin Container
- 695/Cal/81 Sopio Products Inc Novel protein curd product and process of preparation
- 696/Cal/81 R P Gupta Device for use with fluorescent tube lamps with broken filaments, for utilising them

27th June, 1981

- 697/Cal/81 A/S Raufoss Ammunis jonsfabrikker Austenitic wear resistant Steel.
- 698/Cal/81. Mis Ratna Pal A process for the manufacture of name plates, number plates, sign-boards/panels etc from fibreglass, resin and paper or textile fabric or any metal sheet or foil and for laminating pictures and photographs in fibreglass reinforced plastics composites to be used for display, signs, decoration etc

29th June, 1981

- 699/Cal/81. Vocst-Alpinc Aktiengesellschaft Arrangement of conveyor trough in kerf-cutting machines
- 700/Cal/81 Hoechst Aktiengesellschaft Water soluble azo compounds, process for their preparation and their use as dyes.
- 701/Cal/81 The Fertilizer (Planning & Development)
 India Ltd A process of manufacture of dehydiogenation catalyst for conversion of ethyl
 alcohol to acetaldehyde
- 702/Cal/81 Montedison SpA Process for preparing copolymers of vinyl-aromatic monomers with ethylenically unsaturated nitriles
- 703/Cal/81 Union Carbide Corporation Catalyst impregnated on fine silica, process for preparing and use for ethylene polymerization

1-177 GI/81

- 704/Cal/81 Union Carbide Corporation. Method of separating aromatic and non-aromatic hydrocarbons in mixed hydrocarbon feeds.
- 705/Cal/81. Union Carbide Corporation. Method and apparatus for cooling film bubble of low extensional viscosity polymers.
- 706/Cal/81. Union Carbide Corporation. Method of separating aromatic and non-aromatic hydrocarbons in mixed hydrocarbon feeds
- 707/Cal/81. The Wellcome foundation Limited. Antiviral flavans [Divisional date March 14, 1979].
- 708/Cal/81. The Wellcome Foundation Limited. Antiviral flavans. [Divisional date March 14, 1979].
- 709/Cal/81, Italtel Societa Italiana Telecomunicazioni s.p.a.
 Interface unit between a PCM system and a time-division circuit arrangement.

30th June, 1981

- 710/Cal/81. Mrs. Raina Pal. A process for the manufacture of writing-boards (commonly known as "Black-Board" and "W riting-Slate") with fibre-glass reinforced plastics).
- 711/Cal/81. Mrs. Ratna Pal. A process for producing new type of single and multiple colour designs/patterns in fibre reinforced plastics products.
- 712/Cal/81. International Immunoassay Laboratories, Inc.
 Two site cross-reaction minnometric sandwich assay method.
- 713/Cal/81. M. A. N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Casing member on internal combustion engine, such as oil sump or similar parts.
- 714/Cal/81. The Dow Chemical Company. Improved process for waste encapsulation.
- 715/Cal/81. The Air preheater Company, Inc. Recuperator design.
- 716/Cal/81. Wagener Schwelm GMBH & Co. An appliance for the repair of rubber or plastics conveyor belts and for making them endless.
- 717/Cal/81. Furma Manufacturing Co. Pty. Ltd. Method and apparatus for mounting rivets or the like in a flexible carrier. (July 18, 1980).

1st July, 1981

- 718/Cal/81. M. Cenanovic. Pipe repair methods and apparatus using an electromagnetically exploded fila ment
- 719/Cal/81. N. V. Philips' Gloeilampenfabrieken. Tele phone bell assembly. (July 30, 1980).
- 720/Cal/81. Hoechst Aktiengesellschaft. Water-soluble phthalo-cyanine compounds, a process for their manufacture and their use as dyes.
- 721/Cal/81. Gosudarstvenny Nauchno-Issledovatelsky I Proektny Institut Redkometallicheskoi Promyshlennosti "Giredmet". Process for producing high purity gallium.
- APPLICATIONS FOR PATENTS FILED AT THE OFFICE BRANCH, TODI ESTATE, 3RD FLOOR, LOWER PAREL (WEST) BOMBAY-400 013

14th May 1981

- 136/Bom/81 Vinod Ramanlal Gandhi. An invention or a Handi punching machine.
- 137/Bom/81. Narendra Purshottam Umrao. Wick Stove.
- 138/Bom/81. Unichem Laboratories Limited. Process for the manufacture of Anthranilic acid esters.

139/Bom/81. Unidistributors Private Ltd. Process for the preparation of p-Acetylamino phenoyl-N-(2-phenylethyl)-an-thranilate.

16th May 1981

- 140/Bom/81. Amrik Singh Inder Singh. Printing of multicolour designs by process of lamination on any object.
- 141/Bom/81. Research Director, Cancer Research Institute.
 Preparation of Anti-leprosy Vaccine.

20th May 1981

- 142/Bom/81. Nitin S. Acharya. Cosmic Ray Dehydrator or dessicator.
- 143/Bom/81. Mohan Dattatray Karnik. A magnetic catcher.
- 144/Bom/81. Mrs. Rohini Rammohan Kashikar. A device for improving bustline
- 145/Bom/81. Unidistributors Private Limited. Process for the preparation of dextranomeriodine polyoxethylene nonyl phenol complex.

22nd May 1981

146/Bom/81. Ramesh Hanumandas Agarwal. Car cooler.

28th May 1981

147/Bom/81. Jyotirmoy Das. Chain puller.

29th May 1981

- 148/Bom/81. Upendra Nath Bhrany. A process for the manufacture of high purity iron powder.
- 149/Bom/81. Bipinbhai Vadilal Mehta. A shock-proofs supplementary seat frame for blcycles, mopeds and similar 2 or 3 wheeler vehicles.

30th May 1981

150/Bom/81. Raghoram Devanna Shetty—Improvements in or relating to commutators for d.c. electric machines and the like.

1st June 1981

151/Bom/81. Dynacraft machine company Limited, A device for rendering tamper-proof an electronic speed limiting system.

3rd June 1981

152/Bom/81 The Director, Indian Institute of Technology. (2) Dr. P. D. Sunavala. (3) P. Mallikarjuna Rao. Design of submerged combustion Burner for concentrating black liquor

4th June 1981

153/Bom/81. Babu Amilal Desai. Improved comb cleaner.

6th June 1981

- 154/Bom/81. Sadashiv Mahadev Kavathekar. Refill forced printing.
- 155/Bom/81, Eagle Flask Private Limited. An all metal vacuum flask
- 156/Bom/81. Eagle Flask Private Limited An improved shoulder for vacuum flask.
- 157/Bom/81. Eagle Flask Private Limited. A locking/ fastening means for container having handles.
- 158/Bom/81. Khushroo Ghadiali. An improved bumper for vehicles.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

22nd June, 1981

123/Mas/81. K. T. Devarajan. K. T. S. Additional Muplier fittings to motor car.

23rd June, 1981

124/Mas/81. C. S. Seshadri, S. Basu & Indian Institute of Technology. A process for the manufacture of paper.

24th June, 1981

125/Mas/81. N. S. V. Sinniah. An improved rotary engine.

126/Mas/81. Automotive Ancillary Services. An improved electric selector switch.

127/Mas/81. Automotive Ancillary Services. An electric switch.

ALTERATION OF DATE

148961 519/Cal/79.

Ante-dated the 15th February 1978.

COMPLETE SPECIFICATION ACCEPTED

Notes is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/-(postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32Fsc

148961.

Int. Cl.-C07d 107/00.

A PROCESS FOR THE PREPARATION OF ANTIPH-LOGISTIC AND ANTICOAGULANT CONDENSED PYRI-MIDINE DERIVATIVES.

Applicant: CHINOIN GYOGYSZER ES VEGYESZETI FERMEKEK GYARA RT., OF TO-UTCA, 105-BUDA-PEST IV, HUNGARY

Inventors: DR. ZOLTEN MESZAROS, DR. JOZSEF (NOILL, DR. PETER SZENTMIKLOSI, ISTVAN HERMECZ, AGNES HORVATH, DR. SANDOR VIRAG, MRS. LEILE VASVARI NEE DEBRECZY AND AGOSTON DAVID.

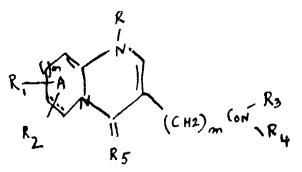
Application No. 519/Cal/79 filed May 18, 1979.

Division of Application No. 2075/Cal/76 filed February 5, 1978.

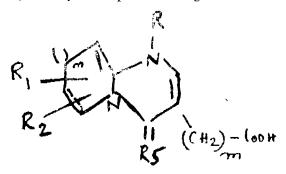
Appropriate office for opposition Proceedings (Rule 4. Patents Rules. 1972) Patent Office, Calcutta.

4 Claims.

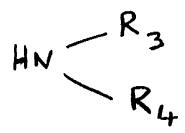
A process for the preparation of racemic or optically active pyrimide (1, 2a) hetero-cyclic compounds of the general formula I.



wherein m is 0, 1 or 2, n is 0, 1 or 2, R represents an alkyl group having to six carbon atoms, R1, is hydrogen or alkyl containing one to six carbon atoms, R2 is hydrogen or alkyl containing one to six carbon atoms, optionally substituted amino, optionally substituted hydroxy, carboxy or a group derived from a carboxylic acid, or R1 and R2 together form a -(CH=CH)2 group attached to the two adjacent carbon atoms of the ring, A and the dotted line represents a chemical bond, R2 is hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted aryl, optionally substituted acyl or optionally substituted cycloalkyl, optionally substituted acyl or optionally substituted hydroxy, R, is hydrogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted acyl or R2 and R, together with the nitrogen atom form an optionally substituted five-, six- or seven membered ring, which can contain a further heteroatom or heteroatoms, R5 is oxygen or an optionally substituted amino group, which comprises reacting the optically racemic or optically active pyridimide, (1, 2a) heterocyclic compound of the general formula IV.



wherein m, n R, R¹, R² and R₄ are as defined above with optionally racemic or optically active amine of the general formula V.



wherein R³ and R, are as defined above in presence of an acid halide or ester the racemic compounds of formula I thus obtained, being if desired, subjected to resolution in a known manner to obtain the optically compounds.

Comp. Specn. 21 pages.

Drg. 1 sheet.

CLASS 163A, D

148962.

Int. Cls.-f02g- 1/00.

A GENERATOR BLOWER.

Applicant: SIGERU ONISHI.

Inventor: SIGERU ONISHI.

Application No. 740/Del/78 filed on 6 October, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110005.

10 Claims

A generator blower compressing: a base plate; an internal combustion engine mounted on said base plate and having an output shaft; a generator mounted on said base plate and having a rotary shaft connected to the output shaft of said engine; a blower mounted on said base plate and having a cylindrical casing which encloses a suction fan and forms thereon a plurality of openings, said suction fan being connected to the rotary shaft of said generator; a cover covering said engine and defining a hot air passage therein, said cover connected to said base plate and having a cold air inlet on its forward end and an opening on its rear end; an exhaust pipe arranged across said hot air passage and connecting an exhaust port of said engine to the exterior of said cover; a duct rotatably mounted on the cylindrical casing of said blower and having an opening which can be aligned with the opening of said cover, and moved from a position wherein the opening of said duct is aligned with the opening of said cover to a position wherein the opening of said duct is aligned with

Complete specification 14 pages.

Drawings 3 sheets.

CLASS: 32.A.1

148963.

Int. Cls.-C09b 29/00.

PROCESS FOR THE MANUFACTURE OF 1:1 AND 1:2 METAL COMPLEX REACTIVE DYESTUFFS OF THE AZO SERIES...

Applicants: BAYER AKTIENGESELLSCHAFT.

Inventors: WALTER SCHOLL, HORST NICKEL.

Application No. 763/Del/78 filed October 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110005.

2 Claims

1. Process for the manufacture of 1:1 and 1:2 metal complex reactive dyestuffs based on at least one metallisable dyestuff of the formula X shown in the accompanying drawings wherein

D = the radical of a metallisable diazo component with an OH group or COOM group in the o-position relative to the azo bridge,

K = the radical of a coupling component which couples in the o-position relative to a phenolic or enolic OH group,

W = a radical of the formula II wherein R_1 R_1 and $R_2 = H$ or a substituent

Y = a group which can be split off, in particular halogen and

Z = a divalent organic radical,

and wherein

the group -N- is bonded, directly or via

R

a bridge member, to an aromatic ring C atom of D or K,

characterized in that

1:1 or 1:2 metal complexes based on at least one metallisable dyestuff of the formula X of the drawings wherein D, K and R have the meaning given above are reacted with a compound of the formula XI of the drawings wherein Y, R, R and Z have the meaning given above and

 $Y_1 = a$ radical which can be split off, in particular halogen, such as Cl,

preferably with 1 mol of (HI) per -NH-R group,

Complete specification 12 pages. Drawings 17 sheets.

CLASS 6A1, 174-G

148964.

Int. Cls.-F. 25b-41/06.

REGULATOR FOR A DAMPER ASSEMBLY.

Applicants: CARRIER CORPORATION USA.

Inventors: WILLIAM EARLE CLARK, CARL CHESTER HERB.

Application No. 825/Del/78 filed 17th November, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Babh, New Delhi-110005.

8 Claims

A regulator for a damper assembly operable to control the flow of conditioned air through a supply duct comprising pressure responsive means connected to said damper assembly to vary the position thereof within said supply duct in accordance with changes in the conditioned air supply pressure to maintain a substantially constant volume air flow downstream of said damper assembly irrespective of such changes; and control point setting means for obtaining the level of constant volume air flow including first force generating means acting in opposition to said pressure responsive means to restrain movement of said damper assembly at a first constant volume flow setting, and second force generating means acting in opposition to said pressure responsive means to further restrain movement of said damper assembly when the level of constant volume air flow is reduced.

Complete specification 11 pages.

Drawings 2 sheets.

CLASS 24D2 1.

148965.

Int. Cls.-B60t- 15/16, 13/22.

FLUID PRESSURE MODULATING VALVES.

Applicants: AUTOMOTIVE PRODUCTS LIMITED.

Inventors: ERIC CHARLES HALES.

Application No. 879/Del/78 filed December 5, 1978.

Convention date January 1, 1978 (00622/78) Great Britain.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110005.

6 Claims

A fluid pressure modulating valve comprising a housing having a bore therein; an inlet port and an outlet port in the housing; a plunger slidable in the bore and adapted to receive a biassing load, a passageway in the plunger allowing communication from the inlet port to the outlet port, a valve member comprising an annular seal which when the plunger is moved against the biassing load closes a valve port connecting the outlet port with said passageway to pre-

vent communication from the inlet port to the outlet port and acts as a non-return valve to allow communication from the outlet port to the inlet port, wherein the plunger comprises a main portion with an annular sleeve thereon and the passageway is formed between said main portion and the sleeve, said valve port being an aperture in the sleeve opening into the passageway and the plunger and the seal are relatively movable so that the seal is slidable over the sleeve surface to open and close the valve port.

Complete specification 12 pages. Drawing one sheet.

CLASS 81

148966.

Int Cl..-A 62 d 1/00.

A METHOD OF PREPARING A PUMPABLE FIRE FIGHTING CONCENTRATE.

Applicants: PHILADELPHIA SUBURBAN CORPORA-TION A CORPORATION OF PENNSYLVANIA U.S.A. OF 100 MATSONFORD ROAD RADNOR PENNSYL-VANIA 19087 U.S.A.

Inventor: PETER J CHIESA JR.

Application No. 327/Bom/1978 filed Nov 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims

1. A method of preparing a pumpable fire fighting concentrate to be diluted to at least ten times its volume with water and foaming with air to produce a fire fighting foam having an expansion of at least 3 suitable for fighting fire on hydrophlic liquids comprising dissolving essentially in water (a) at least one foaming agent that provides the desired foamability (b) a thixotropic polysaccharide thickener such as a degraded form of heteropolysaccharide-7 thickener being in a concentration of at least 1.1% by weight of the concentrate that increases its brook field spindle 4 viscosity at 20°C to not over 3000 centipoises at 60 rpm spindle speed and optionally adding a magnesium salt for improving fire fighting effectiveness.

Complete specn 18 pages.

No drawing sheet.

CLASS 60 D

148967.

Int. Cl.-A47j 51/00.

A MULTI PURPOSE HANGER FOR HOLDING AND HANGING OF GARMENTS, FILES, PAPERS AND OTHER ARTICLES IN SHEET FORM.

Applicants & Inventors: RAMNIKLAL LALJI WAGHE-LA, 5, MATRU CHHAYA, CHANDANI, KOLIWADA, THANE, MAHARASHTRA.

Application No. 11/Bom/1979 filed Jan 15, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims

A multi purpose hanger for holding and hanging of garments, files, papers or other articles in sheet form, characterised in that the said multi purpose hanger comprises at least two flaps which form one set of jaws, the said flaps being swivellably suspended from a common bracket by means of two 'M' shaped wire supports, the two ends of each of the said 'M' shaped wire supports being rigidly connected to each of the said flaps so that each of the said wire supports connects one of the said flaps to the said common bracket, the said multi purpose hanger being also provided with locking means adapted to clamp down the two flaps of the said set of jaws together in its closed form, the said

locking means comprising at least one 'U' shaped wire clip, the two free ends of the said 'U' shaped clip being rotatably fitted on the middle portion of one of the said 'M' shaped wire support which is attached to one of the two flaps while the straight portions of the said 'U' shaped clip is slightly bent and the bent portion passes over the depression in the middle portion of the other of said 'M' shaped wire support connected to the other flap, the size and shape of the said 'U' shaped clip being such that when the two flaps of the set of jaws are clamped together, the middle portion of the other 'M' shaped wire support connected to the said other flap snaps into the bent portion formed in the straight portion of the said 'U' shaped clip and remains there until the said 'U' shaped locking clip is lifted manually, the said common bracket at its top being provided with a curved hook.

Complete specification 10 pages.

Drawings 1 sheet.

CLASS 32 F2b + 55 E4

148968.

Int. Cl.-A 61 k 27/00 C07 d 57/00.

A PROCESS FOR THE PREPARATION OF A NOVEL PHARMACOLOGICALLY ACTIVE ALKALOID, NAMELY N-METHYL-COCCULINIUM HYDROXIDE FROM PLANTS BELONGING TO THE MANISPERMACEAE FAMILY.

Applicants: HOECHST PHARMACEUTICALS LIMITED OF HOECHST HOUSE, NARIMAN POINT, 193-BACK-BAY RECLAMATION, BOMBAY-21.

Inventors: (1) DR. (MRS.) SUJATA VASUDEV BHAT, (2) SAMBA LAXMINARAYAN KATTIGE, (3) MISS VIRBALA SHAH, (4) DR. ALIHUSSEIN NOMANBHAI DOHADWALLA, (5) DR. NANDKUMAR KESHAV DADKAR, (6) DR. NOEL JOHN De SOUZA, (7) DR. HORST DORNAUER.

Application No. 257/Bom/79 filed with complete specification September 13, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims

A process for the preparation of a novel, pharmocologically active alkaloid, namely. N-methyl-cocculinium hydroxide of the formula 1 shown in the accompanying drawings from plants belonging to the *Manispermaceae* family, which comprises extracting plants belonging to the *Manispermaceae* family with a solvent such as herein described, separating the extract in a known manner such as herein described, concentrating and drying the extract in a known manner such as herein described and purifying the extract in a known manner such as herein described to obtain the said N-methyl-cocculinium hydroxide.



Com. Specn. 7 pages.

Drawing Sheets 2.

CLASS 32F2a

148969.

Int. Cl.-Co 7 c 121/66.

A PROCESS FOR THE PREPARATION OF $_{\rm cc}$ -ACE-TOXY-3-PHENOXY-BENZYL CYANIDE.

Applicants: SEARLE (INDIA) LIMITED OF RALLI HOUSE, 21 DAMODARDAS SOKHADVALA MARG, BOMBAY-400 001, MAHARASHTRA, INDIA.

Inventors: (1) DR. RAM NIWAS GOEL, (2) DR. RAVI RATAN SOBTI.

Application No.: 214/Bom/1979 filed August 1, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

Claim

A process for the production of ∞ -acetoxy-3-phenoxy-benzyl cyanide comprising reacting 3-phenoxy benzaldehyde with an alkali metal cyanide and acetyl chloride in two immiscible phases in the presence of a quaternary ammonium compound (salt) as a catalyst.

Complete Specn. 6 pages.

No drawings.

CLASS: 32Fc

148970.

Int. Cl.-Co7c 31/00.

A METHOD OF MANUFACTURING β -ARYLOXY ISOPROPANOLS.

Applicant & Inventor: DR. NAND KISHORE, 810 MANIU MAHAL, 35, PALI HILL ROAD BANDRA, BOMBAY-400050, MAHARASHTRA, INDIA.

Application No. 207/Bom/79 filed July 18, 1979.

Appropriate office for opposition proceedings (Rules, 4 Patent Rules, 1972) Patent Office, Bombay Branch.

Claim

A method for manufacturing β -Arycoxy-Isopropanol by reacting propylene oxide with a phenol characterised in that the reaction is carried out in the presence of tertiary amine a_5 a catalyst.

Complete Specn. 5 pages.

Drawings Nil.

CLASS 53C & 156A

148971.

Int. Cl.-F 04 b 17/00.

IMPROVEMENTS IN OR RELATING TO BICYCLE-OPFRATED PUMP.

Applicant & Inventor: CHEERAM PARAMBIL MUAHMMAD, KERALA AGRICULTURAL UNIVERSITY, INSTITUTE OF AGRICULTURAL TECHNOLOGY, TAVANUR-679573, KERALA.

Application No. 131/Mas/78 filed August 18, 1978.

Complete specification left August 16, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A bicycle-operated pump comprising a pump shaft having fixedly mounted thereon a sprocket wheel and a pair of cranks or eccentrics, and a pump body having a pair of fluid-chambers each having in-let and out-let valves and each of the said cranks being connected through a connecting rod to a flexible diaphragm fixed on one side of each of the fluid-chambers, the driving sprocket wheel of the bicycle being connected by a chain to the sprocket wheel mounted on the pump shaft to operate the pump by pedalling the bicycle.

Prov. 2 pages;

Com. 5 pages;

Drwgs 1 sheet.

CLASS 45G

148972.

Int. Cl. E 03 d 1/012.

A FLUSHING CISTERN.

Applicant & Inventor: BENNE NARASIMHAMURTHY SRIDHARA, 51, H.B. SAMAJA ROAD, BASAVANGUDI, BANGALORE-560004, KARNATAKA.

Application No. 176/Mas/78 filed September 22, 1978.

Complete specification left September 22, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A flushing cistern comprising a cistern body divided into two chambers by a flexible diaphragm with a water inlet and a water outlet provided for each chamber; known control valve means provided for the said inlets and outlets whereby when one of the said chambers discharges, the other chamber is replenished with water; and air valve means provided for the two chambers whereby the discharge and replenishment of the chambers take place without the formation of vacuum or air-locks.

Prov. 5 pages;

Com. 9 pages;

Drwgs. 2 sheets.

CLASS 190D

148973

Int. Cl.-F 03 d 5/06.

A DEVICE FOR GENERATING POWER FROM WIND.

Applicant: SHRI A. M. M. MURUGAPPA CHETTIAR RESEARCH CENTRE, THARAMANI, MADRAS-600042, TAMJI NADU.

Inventors: (1) CHETPAT VENKATASUBBAN SESHADRI, (2) VEERASWAMY GEETHAGURU,

Application No. 175/Mas/78 filed September 22, 1978. Complete specification left December 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

A device for generating power from wind comprising a flywheel supported on a horizontal shaft, the flywheel being provided with a plurality of spokes on either face thereof; a plurality of sails fastened to the spokes, the leading and trailing edges thereof being interchangeable to suit the wind direction and the sails being detachably fastened to the spokes such that as the sails move under wind power to cause the shaft to rotate, they open out like flags whenever the wind speed exceeds a desired safe limit.

Prov. 5 pages;

Com. 8 pages;

Drwg. 1 sheet.

CLASS 24E

148974.

Int. Ci.-B 60 t 17/00.

A SELF-OPERATIVE DEVICE FOR ADJUSTING THE BRAKE LINING WITH RESPECT TO THE BRAKE DRUM OF A BRAKING SYSTEM.

Applicant: BRAKES INDIA LTD., PADI, MADRAS-600 050, TAMIL NADU.

Inventors: (1) NAGENAHALLI KHADER MOHAMED SHAFI & (2) RAMAMURTHY NATARAJAN.

Application No. 178/Mas/78 filed September 28, 1978.

Complete specification left September 28, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A self-operative device for adjusting the brake lining with respect to the brake drum of a braking system comthe known brake shoe with brake lining and the known manual adjuster cam mounted independently of the brake shoe, characterised by a forked lever plate, the plain end of which is pivotably fixed to the brake shoe, with the said cam located in the forked region of the other end of the lever plate, normally leaving a clearance between a prong of the forked region and the said cam to act as a sensor, the said clearance being such that the lever plate is operative only after a predetermined thickness of the brakelining is worn out; spring-loaded sorrated means as herein defined

provided on the brake shoe and limiting means as herein defined for limiting the movement of the serrated means, the said limiting means passing through an aperture in the brake shoe whereby the possible degree of movement thereof in the aperture determines the extent to which the brake-lining can be adjusted with respect to the brake drum, the said serrated means being in contact with the limiting means such that during the course of every braking action the arrangement aforesaid moves as one unit, and after the said predetermined thickness of the brake lining has worn out, the prong butts against the said cam arresting any further movement of the lever plate but the motive force of the braking action continues to move the brake shoe further to bring the lining against the drum, thus causing the gap between the serrated means and the limiting means to widen until the brake shoe comes to a stop on the completion of the braking action, simultaneously causing the serrated means to be urged further against the limiting means until the said gap ceases to widen on cessation of the braking action to correspondingly move the brake lining outwardly towards the brake drum and compensate for the wear.

Prov. 11 pages; Com. 14 pages; Drwgs. 2 sheets.

CLASS 44 & 206E

148975.

Int. Cl G 04c 17/00.

A LIQUID CRYSTAL DISPLAY TIME INDICATING DEVICE.

Applicant: SHREESHYLA ELECTRONICS PVT. LTD., SHREESHYLA, KANAKAPURA ROAD, BANGALORE-560 062, KARNATAKA.

Inventor: VEDACHALAN MITTER.

Application No. 36/Mas/78 filed March 13, 1978.

Application No. 183/Mas/78 filed October 3, 1978 which are cognated.

Complete specification left April 30, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A liquid crystal display time indicating device with a readout digital display of time comprising a circuit including an integrated circuit, connected to an electrical power source, an oscillator with a trimmer circuit connected to the said integrated circuit, a digital display connected to the output of the said integrated circuit, characterised by an amplifier, voltage booster and discharge control system incorporating a voltage limiter connected to the said electrical power source and through the integrated circuit to the display thus ensuring operation of the display, and at least one solar cell provided to recharge the said power source when its voltage falls to a predetermined value at which the time counting in the crystal oscillator and integrated circuit can still continue for a few days.

Prov. 11 pages; Com. 15 pages; Drwgs. 5 sheets.

CLASS 99H

148976.

Int. Cl.-A45c 7/00, E04b 1/00.

COLLAPSIBLE BUILDING OR THE LIKE STRUCTURE.

Applicant & Inventor: ANNE ADRIENNE RONAI, OF APARTADO 68439, CARCAAS, VENEZUELA.

Application No. 1106/Cal/77 filed July 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A collapsible building or the like structure comprising first, second, third and fourth substantially planar structural members, said members defining a building or the like structure when in volume-enclosing position, and defining a stack of four generally parallel members in the collapsed position; said first member, in the volume-enclosing position, comprising a free-standing wall and including means for providing support of said free-standing wall in a generally upright position; said first member being pivotally connected to said second member along one edge of said second member and said second member being pivotally mounted to said third member along an opposite edge of said second member; said second member comprising a roof and said third member comprising another wall; and said fourth member having at least a portion thereof operatively mounted for pivotal movement with respect to one of said first, second or third members so that in said volume-enclosing position thereof said at least a portion of said fourth member extends generally perpendicularly to at least one of said first, second and third members, and in the collapsed position thereof extends generally parallel to said first, second and third members.

Comp. Specn. 10 pages.

Drg. 2 sheets.

CLASS 56E & G

148977.

Int. Cl.-C07c 7/02.

IMPROVED PROCESS FOR THE SEPARATION OF MULTICOMPONENT MIXTURES.

Applicant & Inventor: DONALD RAY CUMMINGS,

OF ANCHOR COTTAGE, COLN ST DENNIS, CHELTENHAM, GLOUCESTERSHIRE, ENGLAND.

Application No. 1129/Cal/77 filed July 22, 1977.

Convention date July 28, 1976/(31471/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

A process for the separation of a multi-component hydrocarbon mixture (as hereinbefore defined), supplied at superatmospheric pressure, into a gaseous phase and a liquid phase by a multi-stage flash separation in which each stage after the first operates at a lower pressure than the preceding stage and the feed to each of the separation recovered from the immediately preceding stage, the process being modified in that at least a part of the gaseous fraction recovered from at least one stage after the first stage is recompressed, recycled and in the gaseous phase mixed with the liquid feed to the preceding stage, and the recompression of said gaseous fraction part is effected in two stages in series in the first of which it is compressed in compressor means and in the second of which the thus compressed fraction part is supplied in the gaseous phase and at a pressure lower than that of said preceding stage to the low pressure zone of ejector means in which said liquid feed to said preceding stage is expanded whereby the potential pressure energy in said liquid feed provides during expansion thereof the balance of the compression energy for recompressing the gaseous fraction and said compressed gaseous fraction part and said liquid feed are intimately mixed in said ejector means.

Comp. Specn. 32 pages.

Drg. 3 sheets.

CLASS 157Dac

148978.

Int. Cl.-E01b 3/00.

SUPPORT AND/OR LOCATING MEANS FOR RAILS IN RAIL TRACKS.

Applicant; BTR LIMITED, OF SILVERTOWN HOUSE, VINCENT SQUARF, LONDON SW 1P 2PL, FNGLAND.

Inventor: ERICH FRANZ GFHRKE.

Application No. 1196/Cal/77 filed August 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A rail pad made of substantially rigid electrically insulating material which is chosen to be yieldable to a predetermined extent, the pad having upstanding rail locating formations on its rail engaging face and locating formations on its rail engaging face and locating formations on its sleeper engaging face to locate the pad relative to a supporting sleeper, the pad being provided with a series of recesses in its sleeper engaging face wherein the unrecessed area of the said face is calculated to be capable of carrying the required load.

Comp. Specn. 18 pages.

Drg. 3 sheets.

CLASS 108 A. & Bab

148979.

Int. Cl.-C22c 39/32, 39/34.

A PROCESS FOR PREPARING NOVEL AUSTENITIC WEAR-RESISTANT STEEL ALLOY.

Applicant: A/S RAUFOSS AMMUNISJONSFABRIK-, KER, 2830 RAUFOSS, NORWAY.

Inventor: TOR HARTVIG.

Application No. 1390/Cal/77 filed September 9, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for preparing novel austenitic steel alloy having good wear resistance when subjected to abrasive and/or combined abrasive/impact stresses which process comprises melting iron and adding in the molten iron 16-23% Mn, 1.1...1.5%C and 0.013 to ...0.5% Ti, and finally casting the product.

Comp. Specn. 9 pages.

Drgs. Nil.

CLASS 53D

148980.

Int. Cl.-B62k 21/00.

HANDLE BAR STEERING HEAD SET ASSEMBLY FOR BICYCLES AND THE LIKE.

Applicant: NADELLA, OF 133-137 BOULEVARD NATIONAL, 92505 RUEIL-MAIMAISON, FRANCE.

Inventor: PHILIPPE DUBOIS.

Application No. 9/Cal/78 filed January 3, 1978.

Convention date December 15, 1977/(52230/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

12 Claims

A handle bar steering head set assembly for bicycles and the like comprising a pair of axially offset bearings each having rolling elements disposed between a bearing ring and a hearing cup co-operating with each end of a head tube, wherein each bearing comprises caged, clongate, rolling elements disposed obliquely to the pivotal axis of said assembly and co-operating with a first, pressed metal, conical bearing race supported by said bearing cup.

Comp. Specn. 7 pages.

Dig. 2 sheets.

PATENTS SEALED

143513 147133 147515 147696 147704 147774 147857 147865 147869 147893 147905 148210 148211 148212 148213 148219 148220 148222 148223.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.

Title of the invention

141820 (01.09.75) Process for the production of carboxamides of oxo-1, 2-benzothiazine-1, 1 dioxides.

141982 (17.09.75) Process for the production of carboxamides of oxo-1, 2-benzothiazine-1, 1 dioxides.

142064 (26.11.73) Process for the manufacture of acrylonitrile or methacrylonitrile.

142191 (17.05.75) Process for the preparation of new iodobenzene derivatives.

142214 (25.06.74) A process for recovering nickel in elemental form,

142219 (04.12.75) A process for the manufacture of 2-chloro-1, 2, 2-trifluoroethyl difluoromethyl ether.

142640 (12-01.76) A process for preparing a gel formulation of tretinoin for topical application.

142699 (23.09.75) A process for the production of liquidedible oil from palm oil or similar oils.

142735 (17.12.75) Process for preparing substituted thio sulfinyl and sulfonylindoles.

RENEWAL FEES PAID 106060 106118 106160 106254 106414 107214 108716 111340

111401 111409 111412 111453 111545 111637 111750 111766 111933 112090 112228 112289 112906 113073 113275 113737 116604 116606 116630 116655 116657 116667 116672 116718 116754 116756 116820 116821 116835 116898 117259 117481 117619 118117 118978 122093 122155 122162 122175 122212 122241 122333 122902 125188 127192 127345 127361 127379 127381 127410 127454 127472 127483 127545 127547 127551 127590 127620 127626 127627 127646 127649 127658 127662 127721 128124 128190 128227 128232 128256 128465 128509 128542 128621 131560 131964 132045 132048 132179 132183 132287 132289 132293 132322 132428 132456 132518 132926 134339 135462 135463 135477 135547 135615 135784 135816 135861 136031 136052 136057 136083 136120 136151 136171 136248 136459 136460 136653 136665 137832 138283 138457 138763 138892 139205 139210 139309 139310 139431 139436 139448 139569 139744 139855 140054 140105 140560 140572 140859 140915 140942 141226 141227 141233 141335 141438 141627 141643 141845 141901 142248 142294 142322 142324

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CESSATION OF PATENTS

114309 114311 114343 114359 114429 114442 114454 114455 114466 114485 114499 114512 114522 114525 114540 114545 114560 114·75 114578 114626 114632 114652 115338 115511 117762 124818 135954 137826 146185 146281.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 132218 granted to Abildgaard Laboratories Inc. for an invention relating to "an uncased book and a method of forming such book". The patent ceased on the 23rd July, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th June, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 1st October 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 136351 granted to Abildgaard Laboratories Inc. for an invention relating to "method of forming cased books and cased books made thereby". The patent ceased on the 23rd July, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India Part III, Section 2 dated the 27th June, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 1st October 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142451 granted to Josef Krings for an invention relating to "a guiding head for a bracing street of a trench revetment device". The patent ceased on the 26th July, 1980 due to non-payment of renewal fees within

the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th June, 1981.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 1st October 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice of within one month from the date of the notice.

(4)

Notice is hereby given that an application for restoration of Patent No. 138196 dated the 24th January, 1974 made by Westinghouse Brake And Signal Co. Ltd. on the 25th January, 1979 and notified in the Gazette of India, Part-III, Section 2 dated the 1st November, 1980 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

- Class 1. No. 150001. Crompton Greaves Limited of 1. Dr. VB Gandhi Marg, Bombay-400023, Maharashtra, India. "Lighting devices". October 3, 1980.
- Class 1. No. 150080. Khaitan Fans Private Limited, a Joint Stock Company of 46-C, J. L. Nehru Road, Calcutta-700071, West Bengal, India. "Celling Fan". October 16, 1980.
- Class 1. No. 150140. Rustom & Company, an Indian Partnership Firm, 9, Anand Niwas, 'A' Road, Churchgate, Bombay-400020, Maharashtra, India. "Lever Arm". November 23, 1980.
- Class 3. No. 150235. Peico Electronics & Electricals Limited of Shivsagar Estate, Block "A". Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "Radio". December 26, 1980.
- Class 3. No. 150306. Minni Trading Corporation of 5-B, Goraswadi, Kanchan Villa, Malad, Bombay-400064, Maharashtra, Indian Partnership Firm. "Decenter with Cap". January, 20, 1981.

EXTENSION OF COPYWRIGHT EXTENDED FOR THE SECOND PERIOD OF FIVE YEARS

Nos. 143497, 143498 and 143499 ... Class 1. Nos. 142965 and 142966 Class 3.

EXITNSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

Nos. 142965, 142966, 137725 & 137935 ... Class 3. No. 137726 Class 10.

S. VEDARAMAN
Controller General of Patents, Designs
and Trade Marks